



Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Single Throw**

Product Type: **Switch**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Illuminated: **No**

Features

Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Product Type	Switch
Illuminated	No
Actuator Style	Round

Configuration Features

ESD Grounding Terminal	Without
Ganged	No
Configuration (Pole-Throw)	Single Pole - Single Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	Yes
Operating Function	Off (On)

Electrical Characteristics

Voltage Rating	20 VDC
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Body Features

Seal Type	Terminal Seal (Epoxy)
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Actuator Force	50 – 400 g[1.77 – 14.12 oz]
Case Material	Thermoplastic (LCP)
Actuator Material	Thermoplastic
Actuator Profile	Extended
Actuator Color	Black

Contact Features

Contact Base Material	Copper Alloy
Switch Contact Plating Material	Gold

Termination Features

Termination Type	Printed Circuit
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Mechanical Attachment

Mounting Angle	Right Angle
Mounting Type	Through Hole

Housing Features

Low Profile	No
Process Sealed	No

Dimensions

Actuator Length	3.84 mm[.151 in]
Button Width	2.54 mm[.1 in]

Usage Conditions

Temperature Rating	Standard
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Packaging Features

Packaging Method	Bulk
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191)



Does not contain REACH SVHC	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 1825095-2
TP11CGPC204



TE Model / Part # 1825095-3
TP11CGRA004



TE Model / Part # 1825095-1
TP11CGPC004



TE Model / Part # 1437571-4
TP11CGPC0=SWITCH P/B N/O BLACK



TE Model / Part # 7-1437571-7
TPB11FGVRA0=TINY PUSHBUTTON

Customers Also Bought



TE Model / Part #5745536-2
25 RCPT RA/MS STD (SL)

TE Model / Part #3-794632-6
06P MICRO MNL ASSY,VRT,HDR,LF

TE Model / Part #1-1761608-5
IDC LOW PRO HDR 50P VERT SHT L

TE Model / Part #282822-4
TERMI-BLOK HEADER,ASSY90 4P.

TE Model / Part #1825095-3
TPA11CGRA004

TE Model / Part #1825096-5
TPA11CGRA204

TE Model / Part #2-1761605-6
IDC LOW PRO HDR 16P RA BLUE

TE Model / Part #2-1614884-8
CPF 0805 30R 0.1% 25PPM 1K RL

TE Model / Part #2-1437571-9
TPA11CGRA0=SWITCH P/B N/O BLAC

Documents

Product Drawings

TPA11CGRA004

English

CAD Files

Customer View Model

ENG_CVM_1825096-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1825096-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1825096-4_A.3d_stp.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



SWITCHES_CORE_PROGRAM_CATALOG

English

Product Environmental Compliance

TE Material Declaration

English